



FORM PTO-1449

MAR 13 2003 INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: BP0003-US
 APPLICANT: O'Keefe et al.
 SERIAL NO.: 10/017,445
 FILING DATE: December 14, 2001
 GROUP: 1645

US PATENT DOCUMENTS

EXAM . INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
58 AC	5,527,675	June 18, 1996	Coull et al.	435	6	Aug. 20, 1993
58 AD	5,623,049	April 22, 1997	Löbberding et al.	530	300	Sep. 6, 1994
58 AE	5,714,331	Feb. 3, 1998	Büchardt et al.	435	6	July 24, 1996
58 AF	5,736,336	April 7, 1998	Büchardt et al.	435	6	May 1, 1997
58 AG	5,766,855	June 16, 1998	Büchardt et al.	435	6	June 24, 1996
58 AH	5,786,461	July 28, 1998	Büchardt et al.	536	18.7	May 1, 1997
58 AI	5,837,459	Nov. 17, 1998	Berg et al.	435	6	May 24, 1996
58 AJ	5,891,625	April 6, 1999	Büchardt et al.	435	6	June 7, 1993
58 AK	5,972,610	Oct. 26, 1999	Büchardt et al.	530	350	Oct. 8, 1997
58 AL	5,986,053	Nov. 16, 1999	Ecker et al.	536	23.1	June 7, 1995
58 AM	6,107,470	Aug. 22, 2000	Nielsen et al.	536	23.1	Jan. 4, 1999
58 AN	6,150,097	Nov. 21, 2000	Tyagi et al.	435	6	Dec. 12, 1997

FOREIGN PATENT DOCUMENTS

EXAM . INIT.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
58 BF	WO96/40709	Dec. 19, 1996	WIPO			X
58 CG	Luk, J. et al, Rapid And Sensitive Detection Of <i>Salmonella</i> (O:6,7) By Immunomagnetic Monoclonal Antibody-Based Assays. <i>Journal Of Immunological Methods</i> , 1, 1-8 (1991)					
58 CH	Oliveira, K. et al. Differentiation of <i>Candida Albicans</i> And <i>Candida Dubliniensis</i> By Fluorescent In Situ Hybridization With Peptide Nucleic Acid Probes. <i>Journal Of Clinical Microbiology</i> , 11, 4138-4141 (2001)					
58 CI	Perry O'Keefe, H. et al, Identification Of Indicator Microorganisms Using A Standardized PNA FISH Method. <i>Journal of Microbiological Methods</i> , 47, 281-292 (2001)					
58 CJ	Pluskal, M. et al, Peptide Nucleic Acid Probes And Their Application In DNA and RNA Blot Hybridization Analysis. <i>Journal Fed. Of American Soc. For Experimental Biology</i> , 7, pA1264 (1994)					
58 CK	Stender, H. et al, A New Molecular Method for Simultaneous Identification And Enumeration Of <i>Brettanomyces</i> In Wine. <i>American Society For Microbiology</i> , 99, p.516 (1999)					
58 CL	Stender, H. et al, Combination of ATP-Bioluminescence and PNA Probes Allow Rapid Total Counts And Identification Of Specific Microorganisms In Mixed Populations. <i>Journal Of Microbiological Methods</i> , 1, 69-75					
58 CM	Stender, H. et al, Direct Detection And Identification Of <i>Mycobacterium Tuberculosis</i> In Smear-Positive Sputum Samples By Fluorescence In Situ Hybridization (FISH) Using Peptide Nucleic Acid (PNA) Probes. <i>Int. Tuber Lung Dis.</i> 9, 830-837 (1999)					
58 CN	Stender, H. et al, Fluorescence In Situ Hybridization Assay Using Peptide Nucleic Acid Probes For Differentiation Between Tuberculous And Nontuberculous Mycobacterium Species In Smears Of Mycobacterium Cultures. <i>Journal of Clinical Microbiology</i> . Applied And Environmental Microbiology, 2, 938-941 (2001)					
58 CO	Stender, H. et al, Identification of <i>Dekkera Bruxellensis</i> (<i>Brettanomyces</i>) From Wine By Fluorescence In Situ Hybridization Using Peptide Nucleic Acid Probes. <i>Applied And Environmental Microbiology</i> , 2, 938-941 (2001)					
58 CP	Stender, H. et al, Rapid Detection, Identification, And Enumeration of <i>Escherichia Coli</i> by Fluorescence In Situ Hybridization Using An Array Scanner. <i>Journal Of Microbiological Methods</i> , 1 (2001)					
58 CQ	Stender, H. et al, Rapid Detection, Identification, And Enumeration Of <i>Pseudomonas</i> In Bottled Water Using Peptide Nucleic Acid Probes. <i>Journal of Microbiological Methods</i> , 3, 245-253 (2000)					
58 CR	Stender, H. et al, I-124. Simultaneous Identification And Enumeration of Microorganisms By Filter-Based In Situ Hybridization Using Enzyme-Labeled Acid Probes. <i>American Society For Microbiology</i> , 100, p. 408 (2000)					

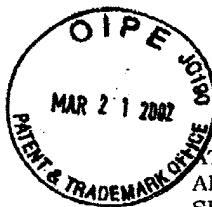
EXAMINER:

DATE CONSIDERED:

3/20/03

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US PATENT DOCUMENTS							
EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SS	AA	5,539,082	July 23, 1996	Nielsen, P. et al	530	300	Apr 26, 1993
SS	AB	6,110,676	Aug 29, 2000	Coull, J. et al	435	6	Nov 3, 1997
FOREIGN PATENT DOCUMENTS							
EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
SS	BA	WO99/21881	May 6, 1999	WIPO			X
SS	BB	WO99/22018	May 6, 1999	WIPO			X
	BC	WO99/37670	July 29, 1999	WIPO			X
	BD	WO99/49293	Sept 30, 1999	WIPO			X
SS	BE	EP849363	June 24, 1998	EPO			X
SS	CA	Egholm, M. et al, PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogenbonding rules. <i>Nature</i> , 365, 566-568 (1993)					
	CB	O'Keefe, H. et al, Filter-based PNA <i>In situ</i> hybridization for rapid detection, Identification and enumeration of specific micro-organisms. <i>Journal of Applied Microbiology</i> , 90, 180-189					
	CC	O'Keefe, H. et al, Identification of Indicator microorganisms using a standardized PNA FISH method. <i>Journal Of Microbiological Methods</i> , 47, 281-292 (2001)					
	CD	O'Keefe, H. et al, Rapid detection, Identification, and enumeration of <i>Escherichia coli</i> by fluorescence <i>In situ</i> hybridization using an array scanner. <i>Journal Of Microbiological Methods</i> , 45, 31-39 (2001)					
	CE	Stender, H. et al, Fluorescence <i>In Situ</i> Hybridization Assay Using Peptide Nucleic Acid Probes for Differentiation between Tuberculous and Nontuberculous Mycobacterium Species In Smears of Mycobacterium Cultures. <i>Journal of Clinical Microbiology</i> , 37, 2760-2765 (1999)					
SS	CF	Yaron, A. et al, Intramolecularly Quenched Fluorogenic Substrates for Hydrolytic Enzymes. <i>Analytical Biochemistry</i> , 95, 228-235 (1979)					

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